



Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 678-1236	SERIAL NO. 10/692,894
	APPLICANTS Chan-Soo HWANG et al.	
	FILING DATE October 24, 2003	GROUP ART UNIT 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/E.B./		1.4	Vahid Tarokh et al., "Space-Time Block Codes From Orthogonal Designs", IEEE Transactions on Information Theory," Vol. 45, No. 5, July 1999, pp. 1456-1467.
		2.4	Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Select Areas in Communications," Vol. 16, No. 8, October 1998, pp. 1451-1458.

EXAMINER  /Emmanuel Bayard/	DATE CONSIDERED  07/02/2007
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 (6-4))



Sheet 1 of 1

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 678-1236	SERIAL NO. 10/692,894
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						YES	NO

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/E.B./		1.	Weifeng Su et al., Quasi-Orthogonal Space-Time Block Codes with Full Diversity, 2002.
		2.	Naresh Sharma et al., Improved Quasi-Orthogonal Codes Through Constellation Rotation, 2002.

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(Form PTO-1449 (6-4))

Form PTO-1449 <i>1449-28</i>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 678-1236	SERIAL NO. 10/692,894
NOV 14 2005		APPLICANT Chan-Soo HWANG et al.	
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U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART (Including Author, Title, Date; Pertinent Pages, Etc.)**

/E.B./		1.	Hamid Jafarkhani, "A Quasi-Orthogonal Space-Time Block Code", IEEE Transactions on Communications, Vol. 49, No. 1, January 2001, pp. 1-4.

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